

## Abstract of the Disclosure

A method of forming a coating and an apparatus for forming a coating on an optical fiber capable of improving the work speed in recoating a coating forming portion of the optical fiber are provided. A coating removed part of a coated optical fiber, which is the portion where a coating of the optical fiber is formed, is set in a mold. A light-curing resin is provided on the coating removed part. Then, with the light-curing resin heated to the glass transition temperature thereof by a Peltier element, a heater and a temperature control unit, a light for curing is irradiates from a light source to cure the light-curing resin.